



# MARCH 2002 ENGINEERING AND RELATED SERVICES SOLICITATION

**SOLICITATION CONCLUDED: MARCH 13, 2002**

A = Estimated Consultant Contract cost < \$100,000  
 B = Estimated Consultant Contract cost > \$100,000 but less than \$1,000,000  
 C = Local Unit of Government Selects Consultant  
 D = Estimated Consultant Contract cost > \$1,000,000

**\*\*Open to all Consultants**  
**RFP Due: MARCH 15, 2002**

**Concept Definition Reports or Scope of Service narratives are included as supplements to this solicitation. They are current at the time of Internet publication but are subject to change. Click on the PROJECT ID for more detail.**

| DISTRICT &<br>SOLICITATION #                | PROJECT ID                   | ANTICIPATED<br>CONSTRUCTION<br>COST | ANTICIPATED<br>SELECTION<br>DATE | ANTICIPATED<br>PROJECT<br>START DATE | ANTICIPATED<br>PROJECT<br>COMPLETION<br>DATE | DBE GOAL ?<br>(Yes or No) | LOCAL<br>SELECTION?<br>(Yes or No) | CONTACT<br>PERSON | TELEPHONE #   |
|---|------------------------------|-------------------------------------|----------------------------------|--------------------------------------|--|---------------------------|------------------------------------|-------------------|---------------|
| <b>DISTRICT 2</b>                           |                              |                                     |                                  |                                      |  |                           |                                    |                   |               |
| D2 1A                                       | <a href="#">1000-29-29</a>   | N/A                                 | 15-Apr-02                        | 1-Jul-02                             | 30-Jun-04                                    | No                        | No                                 | E. Gearing        | 262.548.5654  |
| D2 1B                                       | <a href="#">1000-27-21</a>   | N/A                                 | 15-Apr-01                        | 1-Jul-02                             | 30-Jun-04                                    | No                        | No                                 | E. Gearing        | 262.548.5654  |
| <b>DISTRICT 3</b>                           |                              |                                     |                                  |                                      |  |                           |                                    |                   |               |
| D3 1B                                       | <a href="#">1517-07-00</a>   | \$125-\$150 million                 | 1-Apr-02                         | 1-May-02                             | Spring 2004                                  | Yes                       | No                                 | Bill Bertrand     | 920.492.5708  |
| <b>DISTRICT 4</b>                           |                              |                                     |                                  |                                      |  |                           |                                    |                   |               |
| D4 1B                                       | <a href="#">1010-01-07</a>   | \$ 1,000,000                        | Mar-02                           | May-02                               | Apr-02                                       | Yes                       | No                                 | Roland Hawk       | 715.421.7361  |
| <b>DISTRICT 6</b>                           |                              |                                     |                                  |                                      |  |                           |                                    |                   |               |
| D6 1A                                       | <a href="#">7220-00-03</a>   | 1,200,000                           | 1-Apr-02                         | 1-May-02                             | 1-Jan-04                                     | No                        | No                                 | Steve Abing       | 715. 836.2853 |
| D6 2A                                       | <a href="#">1050-07-01</a>   | N/A                                 | 1-Apr-02                         | 1-May-02                             | 1-Apr-03                                     | No                        | No                                 | Rick Shermo       | 715. 836.2399 |
| D6 3A                                       | <a href="#">7650-01-31</a>   | 1,700,000                           | 1-Apr-02                         | 1-May-02                             | 1-Jan-04                                     | No                        | No                                 | Wndy Maves        | 715. 836.3902 |
| D6 1B                                       | <a href="#">9225-05-01</a>   | 1,800,000                           | 1-Apr-02                         | 1-May-02                             | 1-Jan-04                                     | Yes                       | No                                 | Anna Varney       | 715. 836.2078 |
| D6 2B                                       | <a href="#">7590-03-00</a>   | 3,293,000                           | 1-Apr-02                         | 1-May-02                             | 1-Feb-04                                     | Yes                       | No                                 | Rick Shermo       | 715. 836.2399 |
| D6 3B                                       | <a href="#">1559-08-03</a>   | N/A                                 | 1-Apr-02                         | 1-May-02                             | N/A  | No                        | No                                 | Tim Pawelski      | 715. 836.2816 |
| D6 4B                                       | <a href="#">1009-60-03</a>   | N/A                                 | 1-Apr-02                         | 1-May-02                             | 1-Dec-05                                     | No                        | No                                 | Paul Conlin       | 715. 833.5364 |
| <b>DISTRICT 8</b>                           |                              |                                     |                                  |                                      |  |                           |                                    |                   |               |
| D8 1C                                       | <a href="#">8421-04-00</a>   | \$ 142,000                          | 01-May-02                        | 01-Jul-02                            | 01-Oct-03                                    | No                        | Yes                                | Richard Brand     | 715.532.2633  |
| D8 2C                                       | <a href="#">8429-09-00</a>   | \$ 150,000                          | 01-May-02                        | 01-Jul-02                            | 01-Oct-03                                    | No                        | Yes                                | Richard Brand     | 715.532.2633  |
| D8 3C                                       | <a href="#">8787-10-00</a>   | \$ 133,000                          | 01-May-02                        | 01-Jul-02                            | 01-Oct-03                                    | No                        | Yes                                | Richard Brand     | 715.532.2633  |
| <b>BUREAU OF HIGHWAY DEVELOPMENT</b>        |                              |                                     |                                  |                                      |  |                           |                                    |                   |               |
| BHD 1B                                      | <a href="#">0656-24-00**</a> | N/A                                 | 01-Apr-02                        | 20-May-02                            | 01-Oct-02                                    | No                        | No                                 | Paul J. Hartzheim | 608.267.2462  |
| <b>DISTRICTS 1- 8</b>                       |                              |                                     |                                  |                                      |  |                           |                                    |                   |               |
| <b>Full Service Design Master Contracts</b> |                              |                                     | Spring 2002                      | 01-Jul-02                            | 30-Jun-04                                    | No                        | No                                 | N/A               | N/A           |



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 2

#### Scope of Service Narratives:

##### **D2 1A**

**Project ID: 1000-29-29**

Administration of the Real Estate Master Contract below

For more information, contact Ellen Gearing at 262.548.5654.

##### **D2 1B**

**Project ID: 1000-27-21**

Master Contract

Real Estate Services \$250,000

Expires June 30, 2004

District 2

Scope: Expert technical guidance and assistance in acquisition, appraisal and relocation; oversight and direction to locals in conformance with Federal and State policies governing funding reimbursement; accountability in legal aspects of record documentation; counsel to locals for public information meetings/hearings. For more information, contact Ellen Gearing at 262.548.5654.



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 3

#### Scope of Service Narratives:

##### **D3 1B**

**Project ID: 1517-07-00**

A major project has been proposed for study that involves the expansion of USH 10/STH 441 from 4 to 6 lanes between USH 41 and USH 10 (Oneida Street) in Winnebago County. The total project length is roughly 4.9 miles. The project involves the upgrading of the USH 10/USH 41/STH 441 interchange to a free-flow interchange, the construction of an additional three-lane bridge across Little Lake Butte Des Morts, and some corresponding interchange construction at the USH 10/STH 441/CTH P interchange just east of Little Lake Butte Des Morts. The remaining interchanges along USH 10/STH 441 at CTH AP (Midway Road), STH 47 (Appleton Street), and USH 10 (Oneida Street) will also be evaluated as part of this project.

District 3 needs to complete the environmental analysis/documentation and accompanying preliminary design by the spring of 2004 in order to present this candidate major project to the TPC for potential enumeration. The scope of services under this design contract only involves the required preliminary design work for this project. A separate solicitation was already made for the environmental analysis.

For more information, contact Bill Bertrand at 920.492.5708



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 4

#### Scope of Service Narratives:

##### D4 1B

**Project ID: 1010-01-07**

Construction ID: 1010-01-77

Bridge Replacement  
IH 39  
Madison – Lake Delton Road  
Cottage Grove Road (CTH BB Overpass)  
Dane County

|                              |                  |
|------------------------------|------------------|
| Project Completion Date:     | 01 April 2005    |
| Project LET Date:            | 08 November 2005 |
| Contract Completion Date:    | 31 January 2006  |
| Preliminary Draft Completion | 01 July 2003     |

Construction Estimate: \$1,000,000

**Scope of Work:** Provide WisDOT District 4 the bridge plans, special provisions, and estimates for the replacement of structure B-13-112. Interested firms are required to supply qualified Real Estate staff or sub-consultant to acquire necessary Right of Way.

The proposed improvement is to construct a 4-lane structure with bicycle and pedestrian accommodations.

Final plans are to be submitted to WisDOT District 4 by April 1, 2005. A 30 percent plan review and 70 percent plan review will be scheduled according to invoice billing. A preliminary draft must be ready for review by July 1, 2003, and contract completion scheduled for January 31, 2006.

WisDOT will provide Aerial mapping (for DTM and Ortho) in late May 2002. An Environmental Report is required and possibly air quality modeling.

This project is located in Transportation District One, but is transferred to Transportation District Four. All work associated with this scope shall be coordinated through the WisDOT, DTD4 office in Wisconsin Rapids. Other WisDOT Divisions and the Federal Highway Administration may require periodic review of various submittals. The WisDOT, DTD4 office, will coordinate reviews.

For more information, contact:  
Roland Hawk at 715. 421.7361  
WisDOT, DTD4, PDS - Design Unit - Project Manager



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### TRANSPORTATION DISTRICT 6

#### Scope of Service Narratives:

##### D6 1A

**Project ID: 7220-00-03**

STH 25

Durand – Menomonie Road

South County Line – Red Cedar River

Dunn County

#### CONCEPT DEFINITION REPORT

Design ID: 7220-00-03

Related Const. ID(s): 7220-00-73

I. Highway No. or Local Road Name: STH 25

Title: Durand – Menomonie Road

County: Dunn

Municipality:

Length: 6.64 miles

Functional Class: Principal Arterial

Current ADT: 1730 (1992)

LOCATION: South County Line – Red Cedar River

II. Conditions:

A. Roadway:

Pavement: Type: AC

Width: 24

Year: 1983

Shoulder: Type: Gravel

Width: 5

Accident Rate: 289

Years: 1996

Substandard Alignment:

Horizontal: Yes ☐

No ☐

N/A ☒

Vertical: Yes ☐

No ☐

N/A ☒

PSI: 2.72 (1996) PDI: 26 (1995)

JUSTIFICATION: The existing pavement is cracked and deteriorating. The pavement is generally in poor condition.

III. PROPOSED IMPROVEMENT: Preliminary and Final Design for Mill and resurface of the existing pavement.

A. Environmental Documentation Type: III - Programatic

B. Improvement Type: PVRPL

PMSID: 98-060-020-325

C. Cost: 1,200,000 Program Year: 2005

Program: 3335

D. Local Participation: none

Access Control: Tier I ☐

Tier II ☐

Exist. ☐

N/A ☒

E. Right of Way Acquisition: None ☐

Minor ☒

Yes ☐

F. National Highway System: Yes ☐

No ☒

If Yes, FHWA Oversight: Exempt ☒

Oversight ☐

For more information, contact Steve Abing 715.836.2853.



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### **D6 2A**

**Project ID: 1050-07-01**

STH 29

Chippewa Falls – Cadott Road

Seymour Cray Boulevard – CTH J

Chippewa County

Project description – Previous rehabilitation has included full depth joint repair and this section of the roadway is continuing to deteriorate. Vertical clearance under structures is substandard. The project has been started by the District and has been completed up to Post DSR design.

Scope of Services – Consultant will provide final design and PS& E package to the District by April 1 2003.

For more information contact Rick Shermo at 715.836.2399.

### **D6 3A**

**Project ID: 7650-01-31**

STH 29/STH 35

Prescott to River Falls Road

USH 10 – Cemetery Road

Pierce County

**Scope of Services:** This project will include the preliminary and final design for a rehabilitation project. The project will consist of diamond grinding the existing PCC pavement. Where existing asphaltic overlays have been placed the overlays will be removed, existing PCC pavement rubblized and an asphaltic layer placed. Several culverts have been identified as needing replacement as well as sign replacement.

The scope includes preparation of design study report, survey work, public involvement, traffic control plans, erosion control and all PS&E documents.

All plans sheets shall be stamped.

**Estimated Construction Costs: \$1,700,000**

### **Project Schedule:**

Final plans complete with all central office approval – January 4, 2004

For more information, contact Wendy Maves at 715.836.3902.



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### D6 1B

**Project ID: 9225-05-01**

STH 102

Rib Lake – Spirit Lake Road

CTH D – North County Line

Taylor County

### CONCEPT DEFINITION REPORT

Design ID: 9225-05-01

Related Const. ID(s): 9225-05-70

I. Highway No. or Local Road Name: STH 102

Title: Rib Lake – Spirit Lake Road

County: Taylor Municipality:

Length: 7.42 miles

Functional Class: Major Collector

Current ADT: 740 (1996)

LOCATION: CTH D – North County Line

II. Conditions:

A. Roadway:

Pavement: Type: BPM

Width: 22

Year: 1983

PDI: 31 (1996)

PSI: 2.47 (1997)

:

Shoulder: Type: Gravel

Width: 5

Accident Rate: 294

Years: 1996

Substandard Alignment:

Horizontal: Yes ☐

No ☐

N/A ☒

Vertical: Yes ☐

No ☐

N/A ☒

B. Structure:

Bridge: Number: B-60-0061

Type: Assumptions

Year: 1989

Roadway Width: 32 SR 97.9 RS 92.6

JUSTIFICATION: Pavement has exceeded its service life.

III. PROPOSED IMPROVEMENT: Replace existing pavement, Replace box culvert (c-60-1) in Rib Lake and upgrade the CTH C intersection to a type B2 (eastside) & type C (Westside). This project will require an Exception to Standards for the substandard 0.5 mile at Spirit Lake. This project will also need a structure survey report. Preliminary and Final Design.

A. Environmental Documentation Type: 2-pER

B. Improvement Type: PVRPL

PMSID: 02-060-020-255

C. Cost: 1,796,000 Program Year: 2004

Program: 3335

D. Local Participation: none

Access Control: Tier I ☐

Tier II ☐

Exist. ☐

N/A ☒

E. Right of Way Acquisition: None ☒

Minor ☐

Yes ☐

F. National Highway System: Yes ☐

No ☒

If Yes, FHWA Oversight: Exempt ☒

Oversight ☐

For more information, contact Anna Varney at 715.836.2078.



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### D6 2B

**Project ID: 7590-03-00**

STH 93

Eleva – Eau Claire Road

South County Line – Cedar Road

Eau Claire County

### CONCEPT DEFINITION REPORT

Design ID: 7590-03-00

Related Const. ID(s): 7590-03-70

I. Highway No. or Local Road Name: STH 93

Title: Eleva – Eau Claire Road

County: Eau Claire Municipality:

Length: 8.4 miles

Functional Class: Principal Arterial

Current ADT: 3800 (1998)

LOCATION: South County Line – Cedar Road

II. Conditions:

A. Roadway:

Pavement: Type: BPM Width: 30 Year: 1991  
PDI: 35 (1996) PSI: 4.11 (1997)

Shoulder: Type: 3 paved Width: 6

Accident Rate: 202 Years: 1996

Substandard Alignment: Horizontal: Yes ☐ No ☐ N/A ☒  
Vertical: Yes ☐ No ☐ N/A ☒

B. Structure:

Bridge: Number: B-18-0942

Type: Assumptions Year: 1989

Roadway Width: 26 SR 71.2 RS 79.8

JUSTIFICATION: The existing roadway, classified as Rural Principal Arterial, was last paved in 1991. The present pavement is experiencing some rutting and cracking and will exceed its service life by the scheduled construction year.

III. PROPOSED IMPROVEMENT:

This project is scheduled for a resurface type improvement. This improvement will consist of the following: Resurface existing pavement, Crushed Agg. Base Course, adjust/replace beam guard and upgrade anchorages for steel plate beam guard, asphaltic curb, concrete curb & gutter, rehabilitate culvert pipes & end walls, and pavement marking. The existing intersection will be matched. The consultant will be expected to perform all preliminary and final design. Final PSE will be due to District by February 2004.

A. Environmental Documentation Type: 2-pER

B. Improvement Type: RESUR

PMSID: 02-060-020-209

C. Cost: 3,293,000 Program Year: 2008

Program: 3331

D. Local Participation: none Access Control: Tier I ☐ Tier II ☐ Exist. ☐ N/A ☒

E. Right of Way Acquisition: None ☒ Minor ☐ Yes ☐

F. National Highway System: Yes ☒ No ☐ If Yes, FHWA Oversight: Exempt ☐ Oversight ☒

For more information, contact Rick Shermo at 715.836.2399.





## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### **D6 3B**

#### **Project ID: 1559-08-03**

Houlton – New Richmond Road  
20<sup>th</sup> St. – 145<sup>th</sup> St.  
STH 35/64  
St. Croix County

Scope of Services- Utility Coordination which will include maintaining TRANS 220 log, draft and record releases of rights (conveyance/quitclaim/THE), Identify potential utility conflicts, send form DT 1078 Project plan transmittal with plans and related exhibits, provide any revised plan sheets, hold a post DT1078 utility coordination meeting, review utility work plans and estimates, approve work plans, write all contract special provisions based on work plans provided by utilities, prepare utility status report, send final plans and special provisions to each utility, Hold a pre-relocation utility coordination meeting, follow up on relocations prior to pre-construction meeting, attend pre-construction meeting. Process final utility invoices for payment for all compensable parcels.

For more information, contact Tim Pawelski at 715.836.2816

### **D6 4B**

#### **Project ID: 1009-60-03**

Houlton – New Richmond Road  
STH 35/64  
St. Croix County

Scope of Services - Preliminary and final design for 2 wetland mitigation sites on the project. Each site will have a separate set of construction documents. Plans ready dates will be 1/1/2004 and 11/1/2005 respectively. Design services will include a wetland restoration site, bridge removal and restoration, prairie planting along slopes with native grasses and possibly some landscaping. Extensive coordination with DNR and District staff will be expected.

For more information, contact Paul Conlin at 715.833.5364.



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

### TRANSPORTATION DISTRICT 8

D8 1C

Project ID: 8421-04-00

#### CONCEPT DEFINITION REPORT

Wisconsin Department of Transportation District 8

DT1627 99

|   |   |   |   |
|---|---|---|---|
| WisDOT Project ID Number<br><b>8421-04-71</b>   |   | Form Preparation Date<br><b>October 15, 2001</b>  |   |
| Highway or Local Road Name<br><b>Fire Lane Road</b>   | Hwy N°/Letter<br><b>Local</b>   | County<br><b>Rusk</b>   | Length<br><b>32.7 feet</b>                        |
| Project Limits/Title<br><b>Devils Creek Bridge</b>  |   | Functional Class<br><b>Local Road</b>   | Current ADT<br><b>&lt;100</b>                     |
| Project Description/Location (Sec-Twn-Range)<br><b>Town of Atlanta<br/>Sec. 17 T35N R8W</b> |   | Is Roadway on the National Highway System (NHS)?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |   |
| <b>Roadway Condition</b>  |   |   |   |
| Pavement:<br>N/A  | Type<br><b>Gravel</b>   | Width<br><b>20 feet</b>   | Year  |
|   | Pavement Serviceability Index (PSI)<br><b>N/A</b>                                 | Pavement Distress Index (PSI)<br><b>N/A</b>   | International Roughness Index (IRI)<br><b>N/A</b> |
| Shoulder:   | Type  | Width   | Year  |
| Substandard Alignment:  | Horizontal<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Vertical<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   | Accident Rate                                     |
| <b>Structure Condition</b>  |   |   |   |
| Bridge  | Number  | Type  | Year Constructed                                  |
|   | Existing: <b>P-54-0903</b>  | <b>Single span steel deck girder</b>  | <b>1940</b>                                       |
|   | Proposed: <b>B-54-106</b>   |   |   |
|   | Clear Roadway Width<br><b>16.0 feet</b>   | Sufficiency Rating (SR)<br><b>41.2</b>  | Rate Score (RS)<br><b>66.0</b>                    |
| Justification for Project—Describe Why Project Is Needed                                    |   |   |   |
| <b>The existing bridge is substandard and structurally deficient.</b>                       |   |   |   |
| Proposed Improvement—Describe Scope of Work   |   |   |   |
| <b>Replace the existing structure with new structure on same alignment.</b>                 |   |   |   |
| <b>THIS PROJECT IS / IS NOT LOCATED IN A FLOOD HAZARD AREA</b>                              |   |   |   |
| Environmental Document Type<br><b>III pER</b>   | Improvement Type<br><b>Bridge Replacement</b>                                     | Cost  | Program Year<br><b>2004</b>                       |
| Local Approving Authority<br><b>Rusk County</b>   | Local Participation<br><b>20%</b>   | Date Approved<br><b>July 27, 2001</b>   | Access Control<br><b>None</b>                     |
| Information Below to Be Completed by the WisDOT District Office                             |   |   |   |
| Design ID<br><b>8421-04-00</b>  | Related ID's  | PMSID   | Program<br><b>2053</b>                            |
| Project Supervisor<br><b>Richard Washkuhn, 715.392.7971</b>                                 |   |   |   |



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

**D8 2C**

**Project ID: 8429-09-00**

### CONCEPT DEFINITION REPORT

Wisconsin Department of Transportation District 8

DT1627 99

|   |   |   |                                     |
|---|---|---|-------------------------------------|
| WisDOT Project ID Number<br><b>8429-09-71</b>   |   | Form Preparation Date<br><b>February 12, 2002</b>   |                                     |
| Highway or Local Road Name<br><b>Oak Grove Road</b>   | Hwy N°/Letter<br><b>Local</b>   | County<br><b>Rusk</b>   | Length<br><b>46.2 feet</b>          |
| Project Limits/Title<br><b>Deer Tail Creek Bridge</b>   |   | Functional Class<br><b>Local Road</b>   | Current ADT<br><b>N/A</b>           |
| Project Description/Location (Sec-Twn-Range)<br><b>Town of Grow<br/>Sec. 8,9 T34N R5W</b>                           |   | Is Roadway on the National Highway System (NHS)?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |                                     |
| <b>Roadway Condition</b>  |   |   |                                     |
| Pavement:<br>N/A  | Type  | Width   | Year                                |
|   | Pavement Serviceability Index (PSI)   | Pavement Distress Index (PSI)   | International Roughness Index (IRI) |
| Shoulder:   | Type  | Width   | Year                                |
| Substandard Alignment:  | Horizontal<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Vertical<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   | Accident Rate                       |
| <b>Structure Condition</b>  |   |   |                                     |
| Bridge:   | Number  | Type  | Year Constructed                    |
|   | Existing: P-54-0105   | Single span steel low truss   | 1912                                |
|   | Proposed: B-54-108  |   |                                     |
|   | Clear Roadway Width<br><b>15.7 feet</b>   | Sufficiency Rating (SR)<br><b>23.3 (1993)</b>   | Rate Score (RS)<br><b>17.5</b>      |
| Justification for Project—Describe Why Project Is Needed  |   |   |                                     |
| The existing bridge is structurally deficient and functionally obsolete. The bridge is currently closed to traffic. |   |   |                                     |
| Proposed Improvement—Describe Scope of Work   |   |   |                                     |
| Replace the existing structure with new structure on same alignment.  |   |   |                                     |
| THIS PROJECT IS / IS NOT LOCATED IN A FLOOD HAZARD AREA   |   |   |                                     |
| Environmental Document Type<br><b>III pER</b>   | Improvement Type<br><b>Bridge Replacement</b>                                     | Cost  | Program Year<br><b>2004</b>         |
| Local Approving Authority<br><b>Rusk County</b>   | Local Participation<br><b>20%</b>   | Date Approved<br><b>July 27, 2001</b>   | Access Control<br><b>None</b>       |
| Information Below to Be Completed by the WisDOT District Office   |   |   |                                     |
| Design ID<br><b>8429-09-00</b>  | Related ID's  | PMSID   | Program<br><b>2053</b>              |
| Project Supervisor<br><b>Richard Washkuhn, 715.392.7971</b>   |   |   |                                     |



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

**D8 3C**

**Project ID: 8787-10-00**

### CONCEPT DEFINITION REPORT

Wisconsin Department of Transportation District 8

DT1627 99

|   |   |   |                                     |
|---|---|---|-------------------------------------|
| WisDOT Project ID Number<br><b>8787-10-71</b>   |   | Form Preparation Date<br><b>October 15, 2001</b>  |                                     |
| Highway or Local Road Name<br><b>CTH H</b>  | Hwy N°/Letter<br><b>H</b>   | County<br><b>Rusk</b>   | Length<br><b>24.0 feet</b>          |
| Project Limits/Title<br><b>Clear Creek Bridge</b>   |   | Functional Class<br><b>Minor Collector</b>  | Current ADT<br><b>190 (1998)</b>    |
| Project Description/Location (Sec-Twn-Range)<br><b>Town of Murry<br/>Sec. 21,28 T36N R7W</b>  |   | Is Roadway on the National Highway System (NHS)?<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |                                     |
| <b>Roadway Condition</b>  |   |   |                                     |
| Pavement:   | Type<br><b>Asphaltic</b>  | Width<br><b>22 feet</b>   | Year                                |
|   | Pavement Serviceability Index (PSI)   | Pavement Distress Index (PSI)   | International Roughness Index (IRI) |
| Shoulder:   | Type<br><b>Gravel</b>   | Width<br><b>3 feet</b>  | Year                                |
| Substandard Alignment:  | Horizontal<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Vertical<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   | Accident Rate                       |
| <b>Structure Condition</b>  |   |   |                                     |
| Bridge:   | Number  | Type  | Year Constructed                    |
|   | Existing: P-54-0050   | Single span steel deck girder   | 1940                                |
|   | Proposed: B-54-105  |   |                                     |
|   | Clear Roadway Width<br><b>24.6 feet</b>   | Sufficiency Rating (SR)<br><b>42.9</b>  | Rate Score (RS)<br><b>56.5</b>      |
| Justification for Project—Describe Why Project Is Needed<br><br><b>The existing bridge is substandard and structurally deficient.</b> |   |   |                                     |
| Proposed Improvement—Describe Scope of Work<br><br><b>Replace the existing structure with new structure on same alignment.</b>        |   |   |                                     |
| <b>THIS PROJECT IS / IS NOT LOCATED IN A FLOOD HAZARD AREA</b>  |   |   |                                     |
| Environmental Document Type<br><b>III pER</b>   | Improvement Type<br><b>Bridge Replacement</b>                                     | Cost  | Program Year<br><b>2004</b>         |
| Local Approving Authority<br><b>Rusk County</b>   | Local Participation<br><b>20%</b>   | Date Approved<br><b>July 27, 2001</b>   | Access Control<br><b>None</b>       |
| Information Below to Be Completed by the WisDOT District Office   |   |   |                                     |
| Design ID<br><b>8787-10-00</b>  | Related ID's  | PMSID   | Program<br><b>2053</b>              |
| Project Supervisor<br><b>Richard Washkuhn, 715.392.7971</b>   |   |   |                                     |



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### BUREAU OF HIGHWAY DEVELOPMENT (BHD)

Open to all consultants  
RFP due March 15, 2002

#### Scope of Service Narratives:

##### **BHD 1B**

**Project ID: 0656-24-00**

##### **Description of Project:**

Consultant services are needed to perform geodetic leveling to National Geodetic Survey's (NGS) Second Order, Class I standards and specifications on marks in the Wisconsin Height Modernization Program (WI-HMP). Height Modernization is a series of survey activities designed to advance and promote the determination of elevations by GPS surveying, rather than by differential (conventional) leveling.

The Height Modernization program is divided into phases to adequately satisfy our objectives. Each Phase consists of a series of level lines through the project area with monuments established at intervals averaging 2.0 km. Monuments established along these level lines will have Second Order, Class I elevation and may or may not have a horizontal position. In addition, proliferated throughout the project area are monuments established at an evenly spaced 6- to 8-km interval. These monuments will have a horizontal position accurate to 2-cm and a conventionally leveled or GPS-derived elevation. These monuments serve as densification stations for control of county section corners.

Vertical positions established along level lines are determined from National Geodetic Survey bench marks. Horizontal positions established on densification stations are determined from the Wisconsin High Accuracy Reference Network (HARN).

The purpose of this work is to establish North American Datum of 1988 (NAD 88) elevations on newly established bench marks and all HARN and primary base network stations through the use of conventional leveling.

##### **Proposed Activities/Tasks:**

- The CONSULTANT is not required to set bench marks, write recovery notes, nor write bench mark descriptions. The CONSULTANT is responsible for reading and/or rectifying the provided description of the bench mark prior to the first day that bench mark is leveled to, and for providing a field annotated copy of the description to DEPARTMENT with the leveling observation data indicating either (1) the description accurately and completely reflects the conditions at the bench mark, or (2) the description needs revision. If revision is recommended, the recommended changes shall be annotated on the printed description.
- Locate and remove ground (if applicable) in order to recover station.
- Notify and coordinate accessibility to station(s) with airport manager or duly appointed representative prior to entering airport facilities (i.e. any area within the airport property boundaries.)
- Notify and coordinate accessibility to station(s) with railroad companies prior to entering railroad corridors.



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### BUREAU OF HIGHWAY DEVELOPMENT – BHD (cont.)

- Inform local, county and state law enforcement when surveying stations on highway or road right-of-way.
- Abide by all Wisconsin rules, regulation, and laws when performing survey tasks in the field.
- Perform the data acquisition, analysis, and submittal of geodetic leveling to Second Order, Class I standards and specifications as describe in the following:
  - "Standards and Specifications for Geodetic Control Networks," September 1984, Federal Geodetic Control Committee (FGCC), Reprinted 1993.
  - "Geodetic Leveling," NOAA Manual NOS NGS3, NOAA, National Geodetic Survey, August 1981.
  - "Interim FGCS Specifications and Procedures to Incorporate Electronic Digital/Bar-Code Leveling Systems," FGCS (Ver. 4.0 7/15/94).
  - "VFPROC--Vertical Control Field Data Processing System," NOAA, C&GS, National Geodetic Survey, Version 3.00, December 1992.
  - "Input Formats and Specifications for the National Geodetic Survey Data Base," Volume II, Vertical Control Data, Federal Geodetic Data Committee, September 1994, Reprinted November 1998.
  - "Input Formats and Specifications of the National Geodetic Survey Data Base," Volume I, Horizontal Control Data, Federal Geodetic Data Committee, September 1994, Revised and Reprinted November 1998.

**WisDOT is using an RFP process** for this project solicitation. Please follow the directions in the RFP and NOT the department's monthly NOI process. See <http://www.dot.state.wi.us/dbm/bfs/dtidgeodeticlev02.html>

Contact Paul J. Hartzheim at 608.267.2462 for more information.



## MARCH 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICTS 1-8

#### Scope of Service Narrative:

#### **Full Service Design Engineering Master Contracts**

The department is soliciting for full service design engineering master contracts and invites consultant firms on WisDOT's roster of eligible engineering consultants to participate. All eight transportation districts will have at least one contract in this solicitation. Full service design master contracts may include any of the scope of services normally included in a design engineering contract. Work orders may be issued to perform full scope design engineering services on a project or a part of the project.

Firms desiring to respond to this solicitation will complete and return a Consultant Solicitation Full Service Design Engineering Master Contract Notice of Interest Questionnaire. Details are on a special WisDOT Internet Web page at this URL:

<http://www.dot.state.wi.us/dbm/bfs/fsdesmstrmar02.html>.

The department will not hold statewide interviews for full service design contracts this year. Unlike prior years, individual district offices will arrange their own interviews and will coordinate scheduling with the other districts. Each district office will notify consultants if they are being invited for an interview.